

AMENDMENTS TO THE SPECIFICATION

In the specification of the Application, please amend paragraph 0001 as hereinafter indicated.

[0001] The present invention is related to ~~[[U.S.]]~~ United States Patent Application ~~(Attorney Docket Number 81107529 (FGT 1949 PA))~~ Serial Number 10/711,987, entitled "Feature Target Selection for Countermeasure Performance within a Vehicle,"~~[[,]]~~ which is incorporated herein by reference ~~herein~~.

Please also amend paragraphs 0011-0014 in the specification as hereinafter indicated.

[0011] Another advantage provided by an embodiment of the present invention is the provision of a path prediction system that generates multiple estimations of the future path of a vehicle. Each estimation is generated in response to the data received from multiple vehicle state sensors and path-tracking sensors. The ~~better the~~ more agreement ~~[[of]]~~ there is among the estimations, or the more alike the estimations are, the higher the confidence level associated with a resultant future path estimation is.

[0012] The ~~above state~~ above-stated advantages provide improved path prediction determination, which in turn improves the system performance of countermeasures.

[0013] The present invention itself, together with attendant advantages, will be best understood by reference to the following detailed description, when taken in conjunction with the accompanying drawing figures.

[0014] For a more complete understanding of ~~[[this]]~~ the invention, reference should ~~[[now]]~~ be made to the embodiments illustrated in greater detail in the accompanying drawing figures, and also described below by way of examples of the invention, wherein:

Please also amend paragraph 0029 in the specification as hereinafter indicated.

[0029] The external path-tracking sensors 20 are used to detect and track lanes, roads, and markings thereon. The external path-tracking sensors 20 may include vision sensors 36, such as cameras, or may be in some other form known in the art. The external path-tracking sensors 20 may include a global ~~position~~ positioning system (GPS) 38 with road map data and provide present and upcoming road curvature, speed limits, and other information that may indicate a future vehicle path. Scene-tracking is performed by wave-ranging sensors 40, which detect objects~~[[,]]~~ such as, for example, guardrails or a series of parked cars along the edge of a roadway.

Lastly, please also amend paragraph 0050 in the specification as hereinafter indicated.

[0050] While the present invention has been described in ~~connection~~ association with one or more embodiments, it is to be understood that the specific mechanisms and techniques ~~which~~ that have been described herein are merely illustrative of the principles of the invention, and that numerous modifications may be made to the methods and apparatus described herein without departing from the spirit and scope of the invention as defined by the appended claims.